

FIG.1

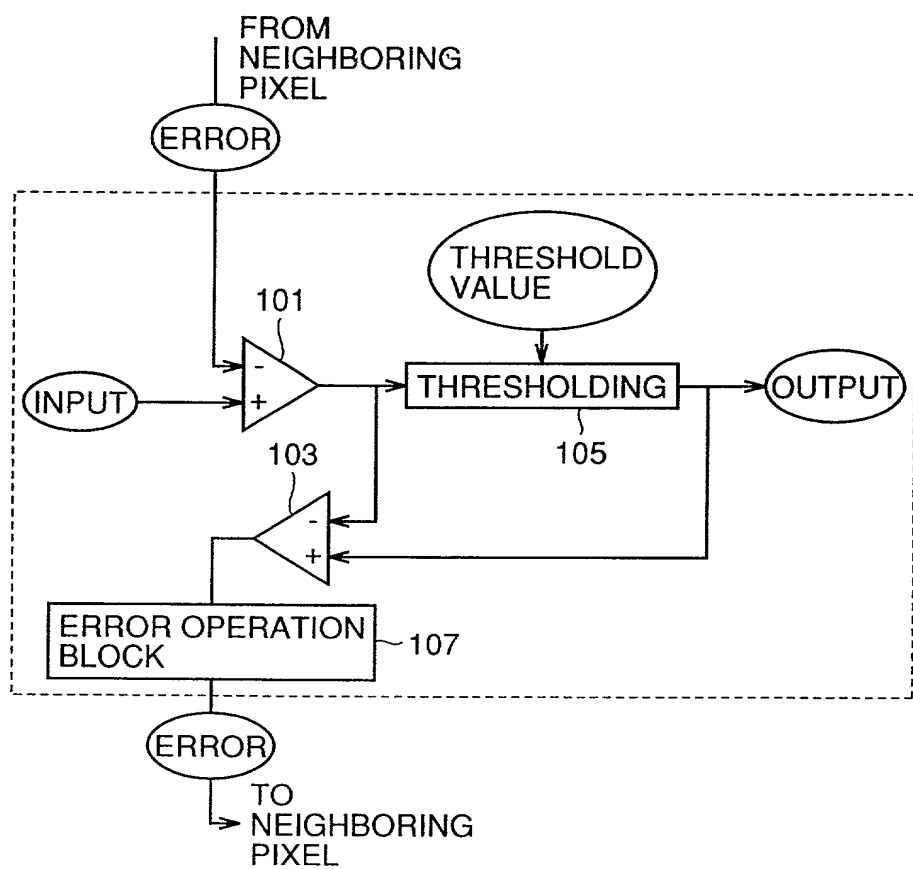


FIG.2

			X	3	2	1
1	2	3	3	3	2	1
1	2	2	2	2	2	1
1	1	1	1	1	1	1

FIG.3

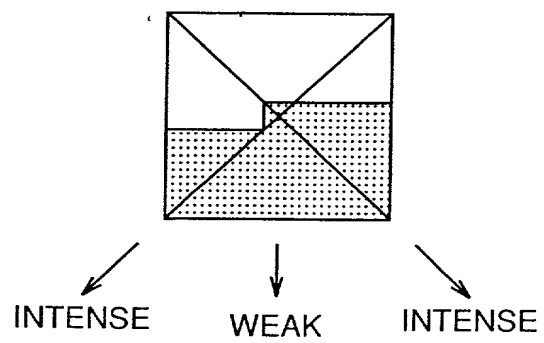


FIG.4

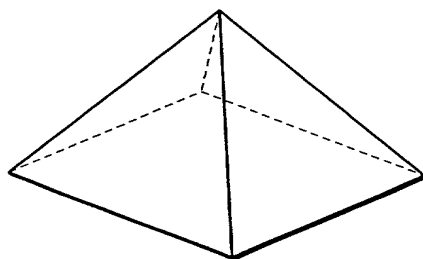


FIG. 5

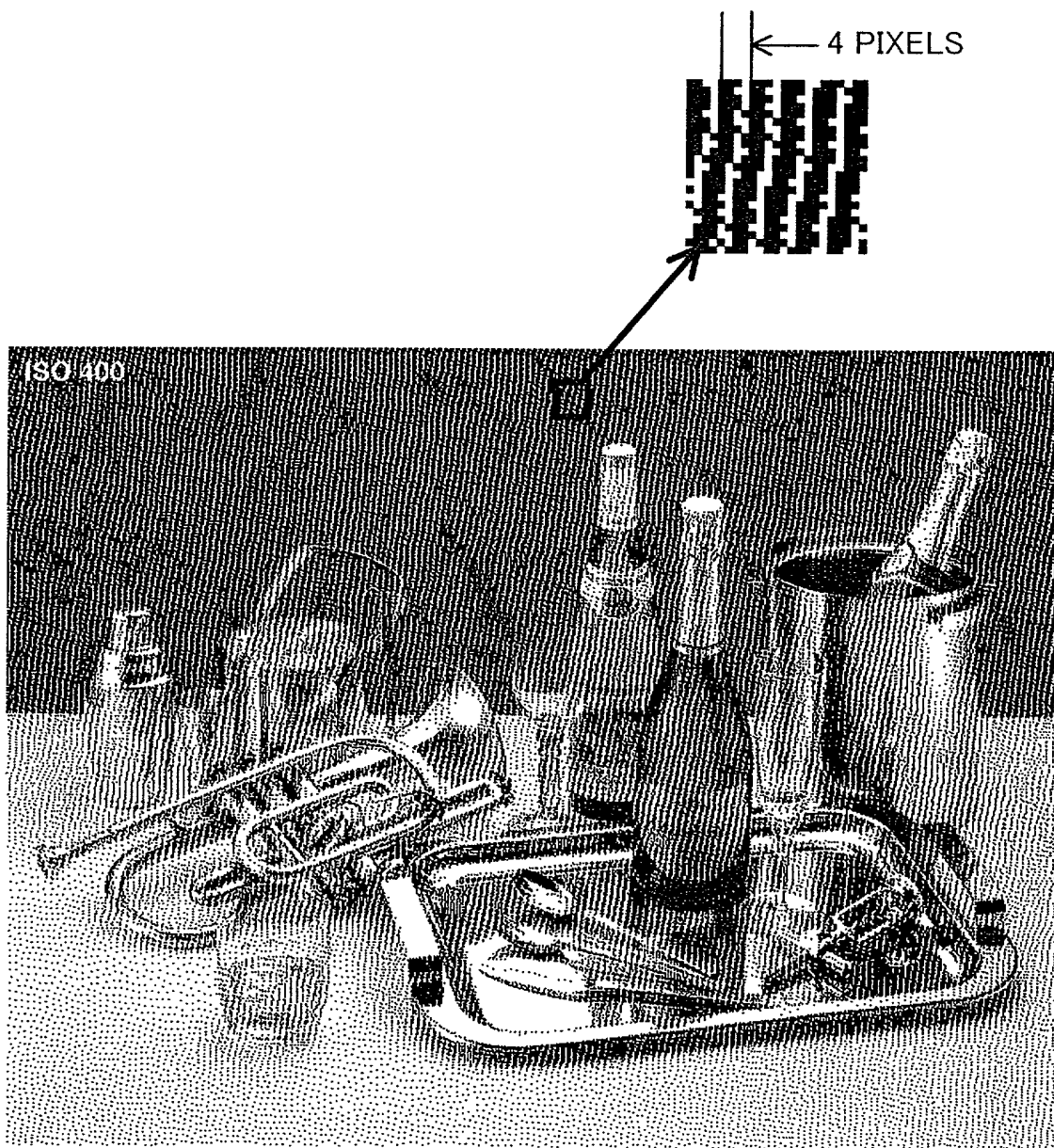


FIG.6

[illegible]

FIG. 7

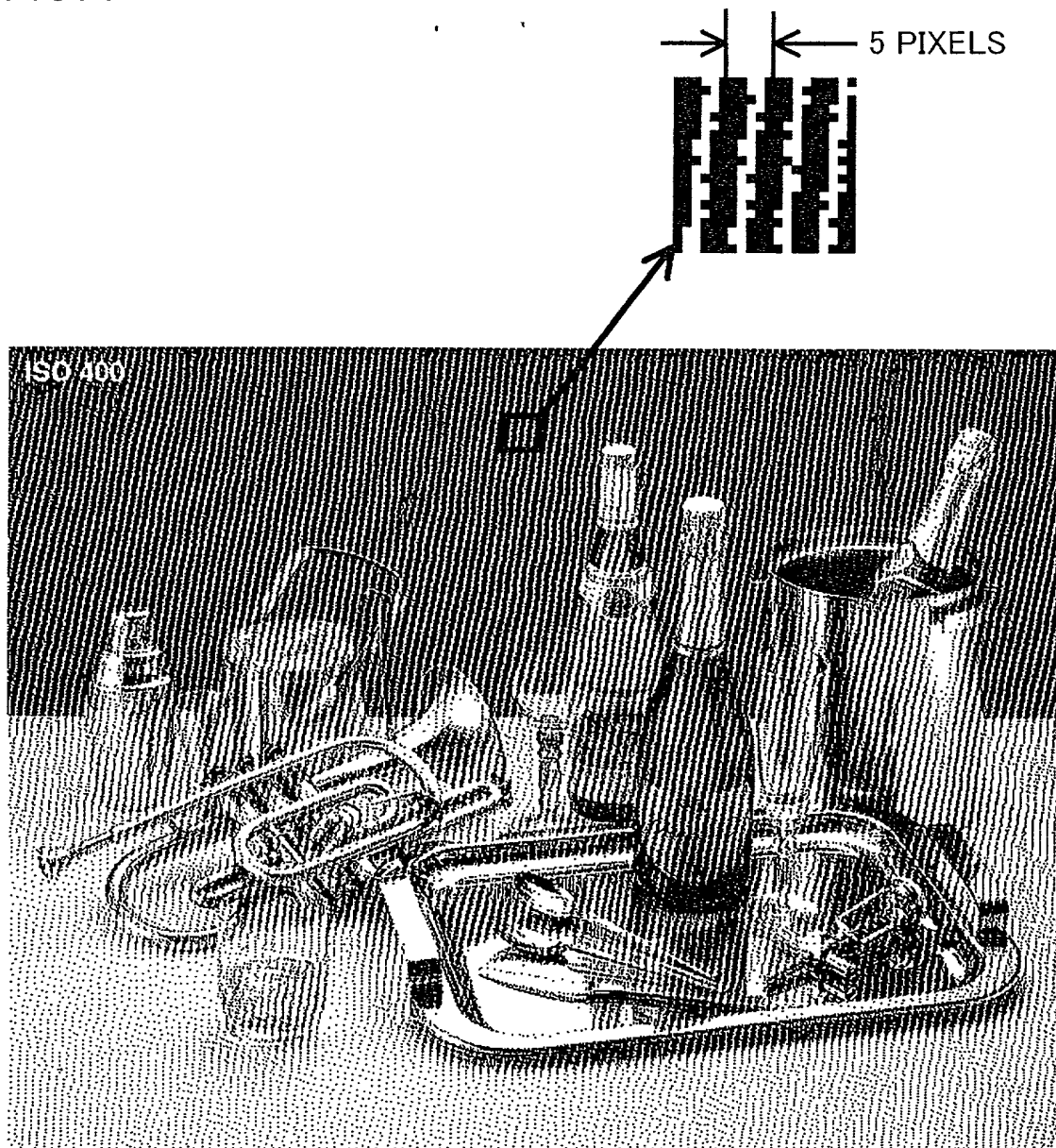


FIG.8

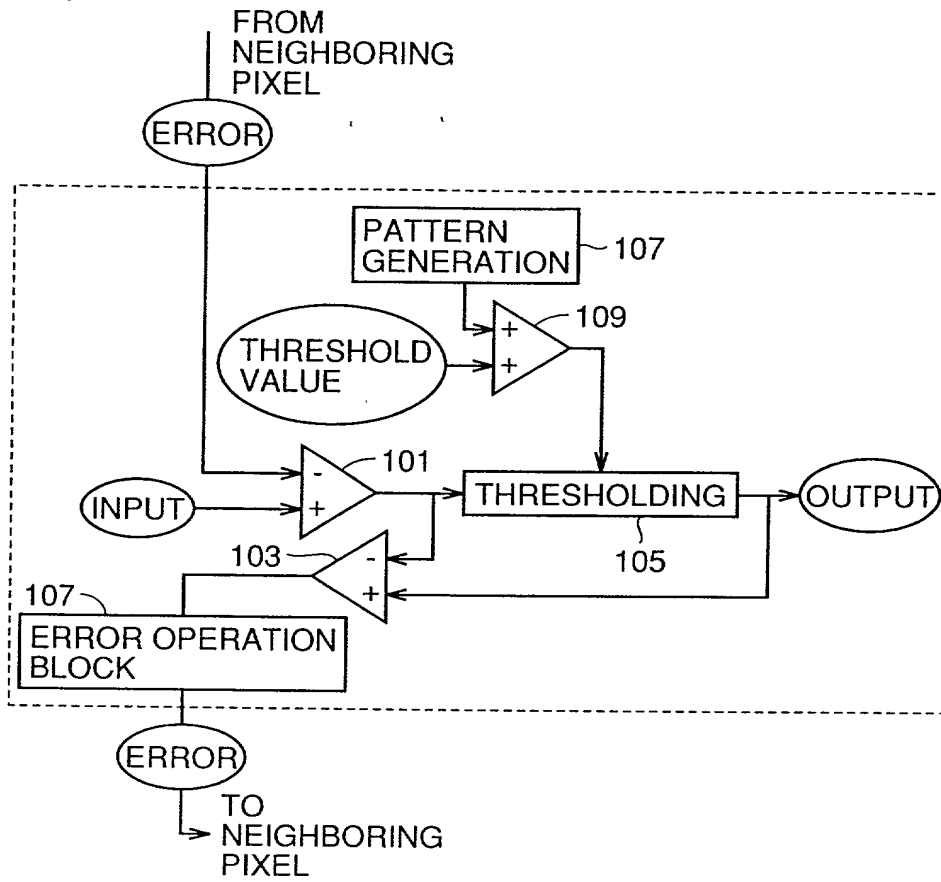


FIG.9

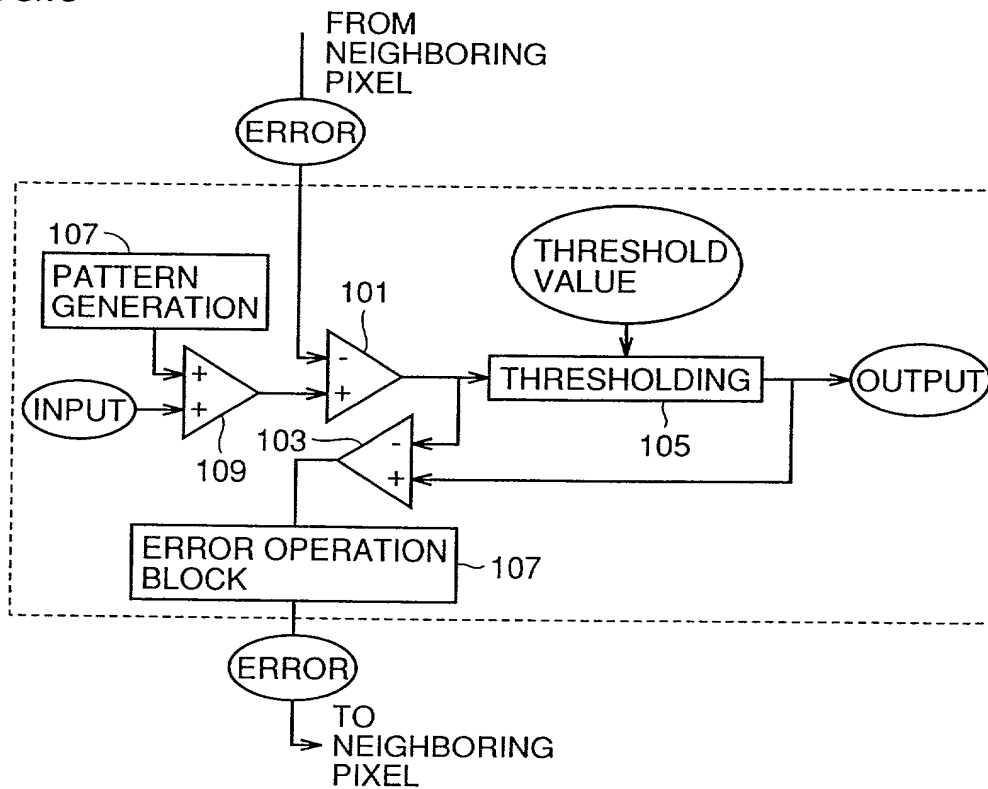
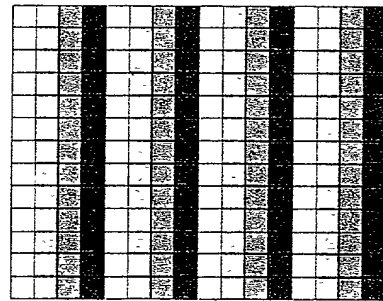


FIG. 10



ITH PIXEL

PATTERN SIGNAL

$$= P (i \% 4 - 1.5) / 4$$

P: MAGNITUDE OF SIGNAL

i: PIXEL NUMBER

$i \% 4$: REMAINDER OF i DIVIDED BY 4

$P = 0.1$ (INPUT = 0 TO 1)

FIG. 11

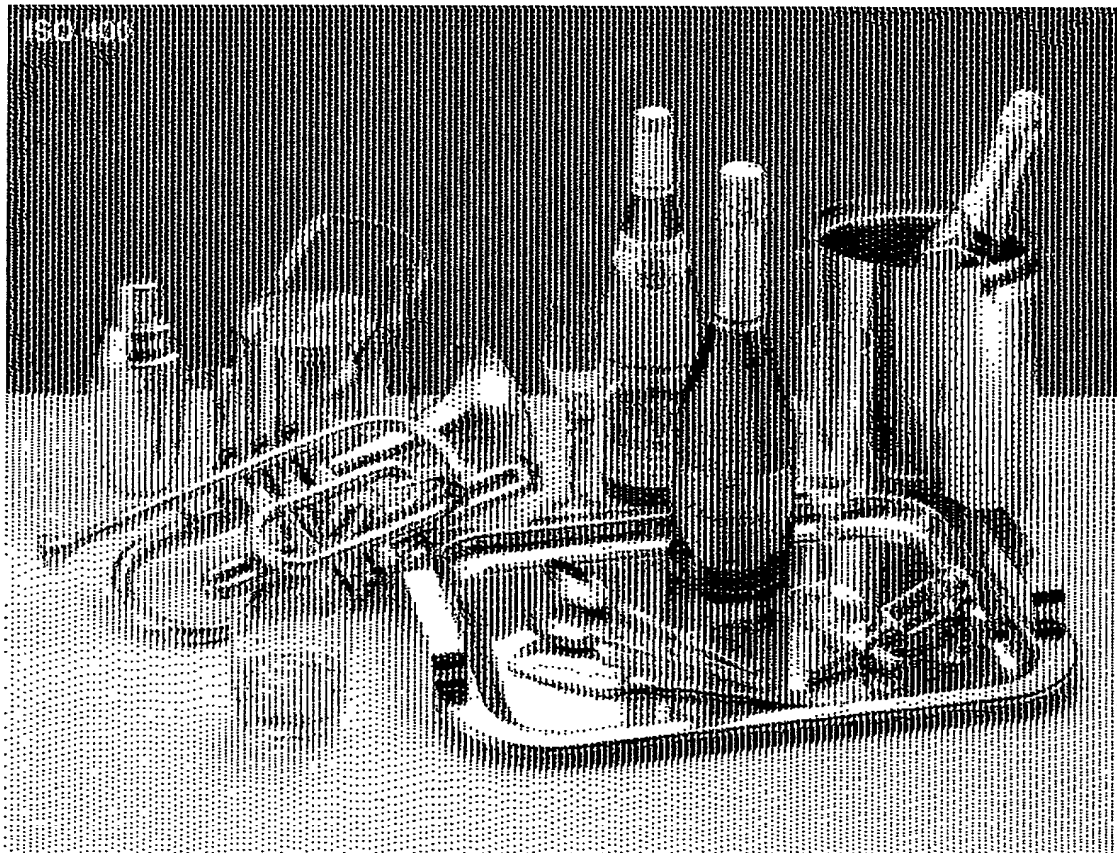


FIG. 12

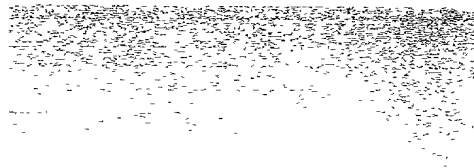


FIG. 13

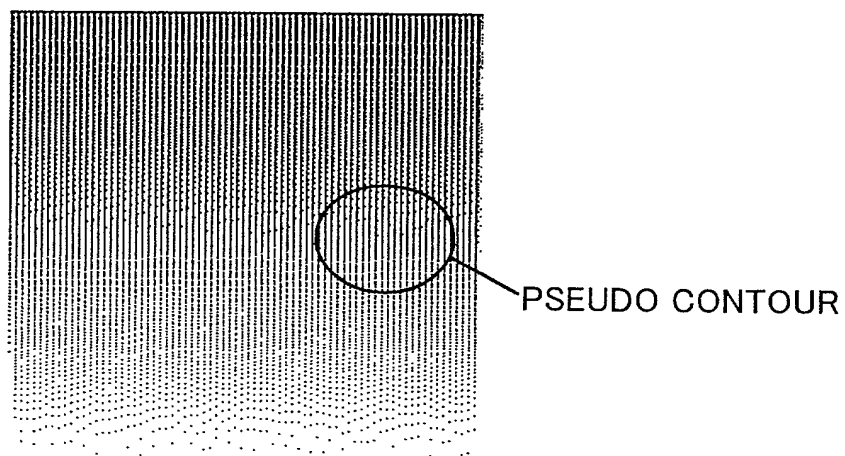


FIG. 14

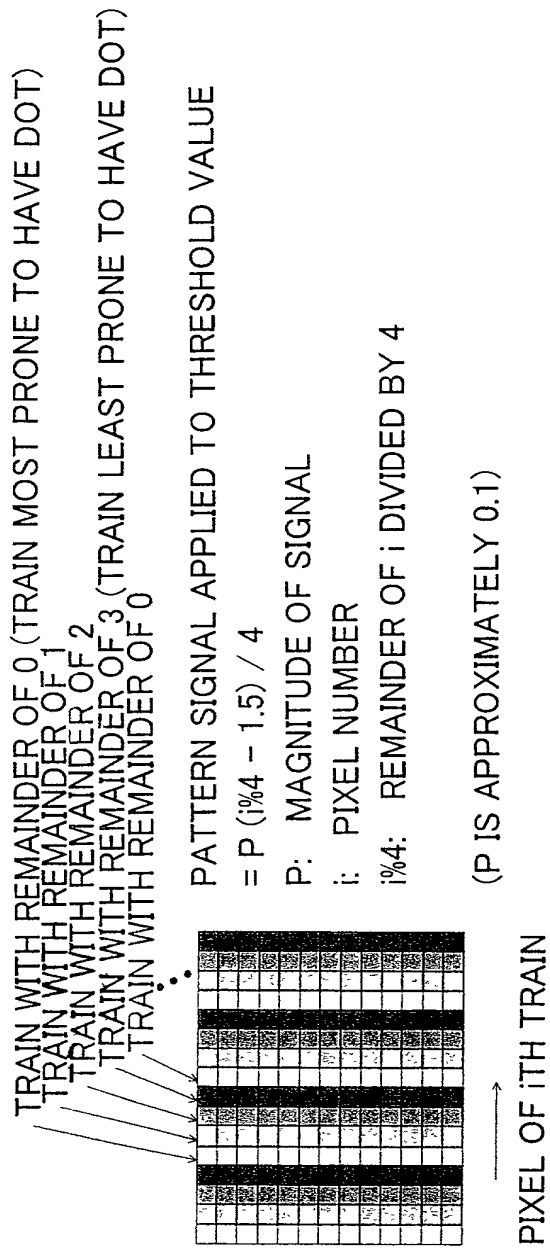


FIG. 15

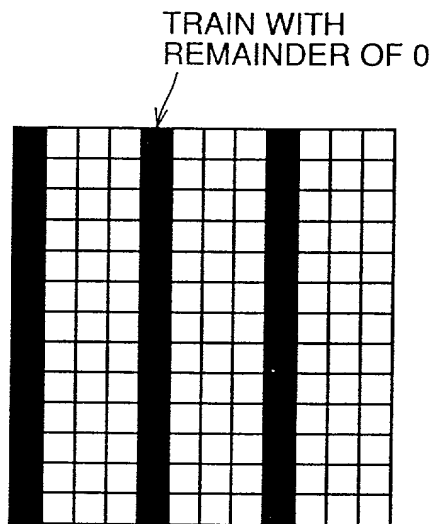


FIG. 16

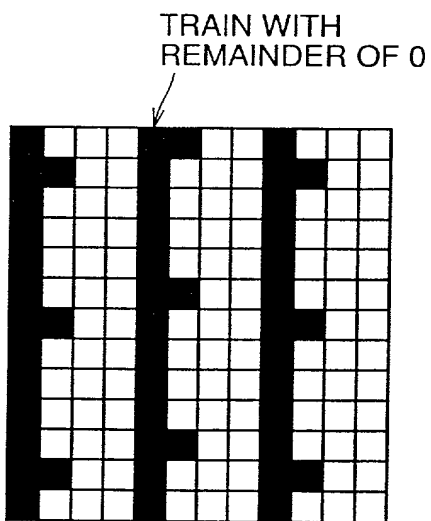


FIG.17

TRAIN WITH
REMAINDER OF 0

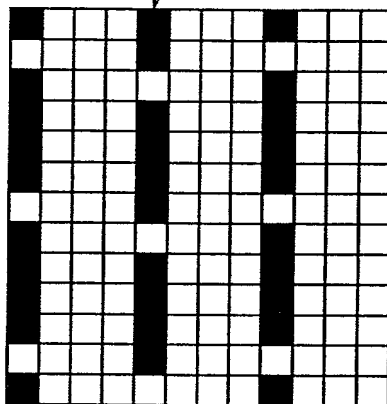


FIG. 18

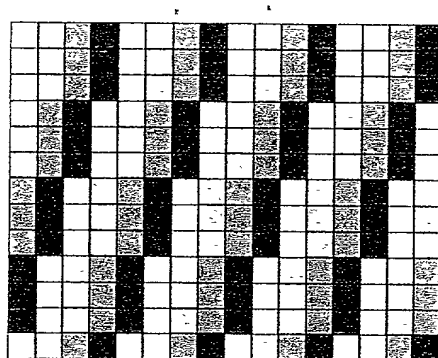


FIG. 19

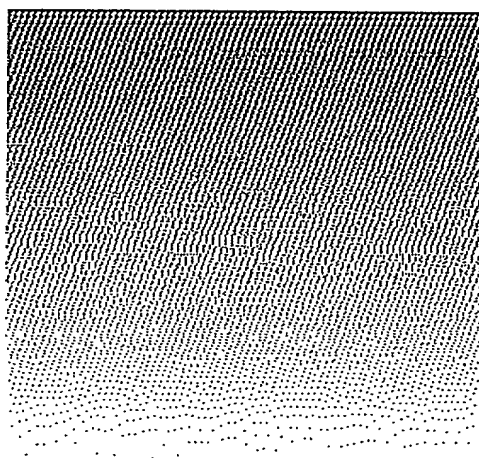


FIG. 20

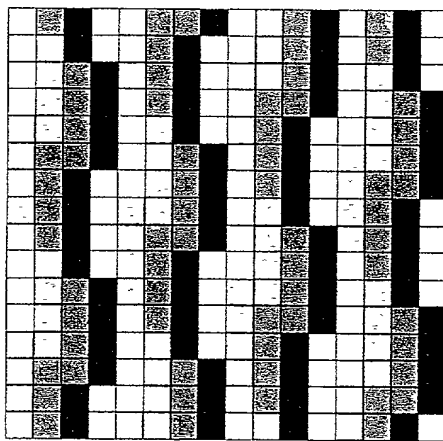


FIG.21

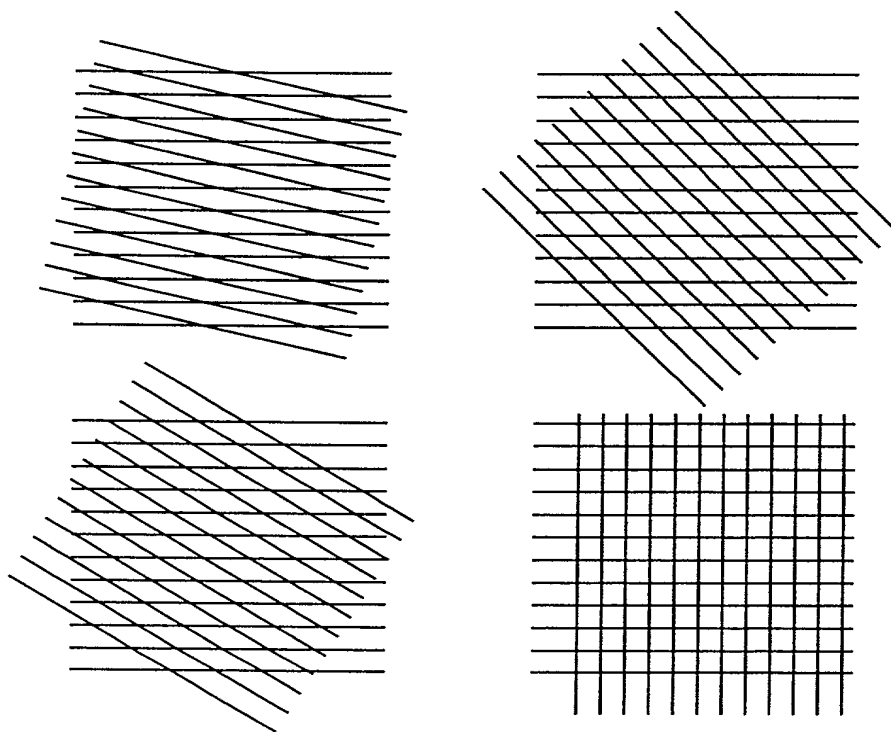


FIG.22

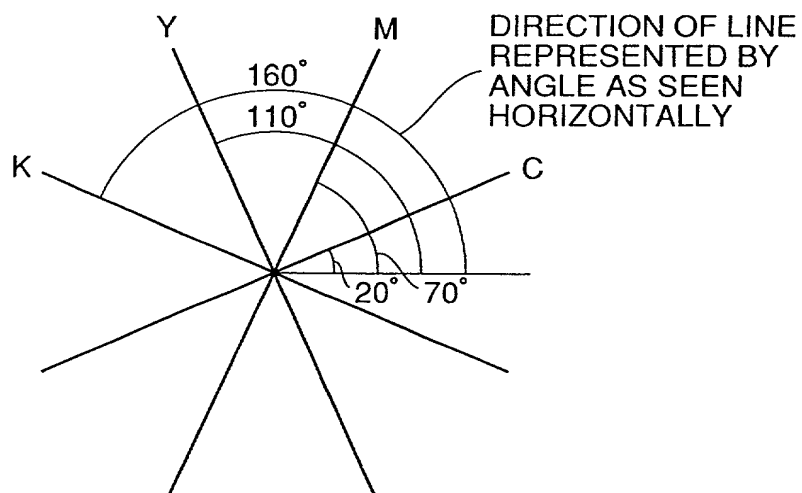
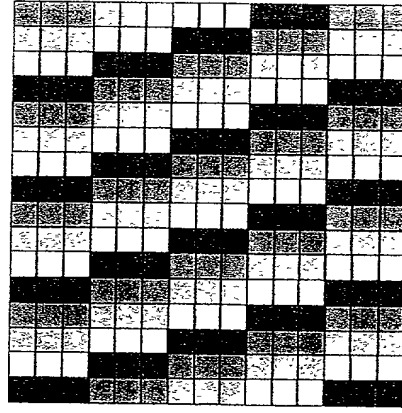


FIG. 23



LINE PATTERN SIGNAL APPLIED TO THRESHOLD VALUE

$$= P \times ((-i / 3 + j) \% 4 - 1.5) / 3$$

i, j: PIXEL OF ITH ROW AND JTH COLUMN

P: MAGNITUDE (OF 0.1 HEREIN)

%4: REMAINDER OF DIVISION BY 4

FIG. 24

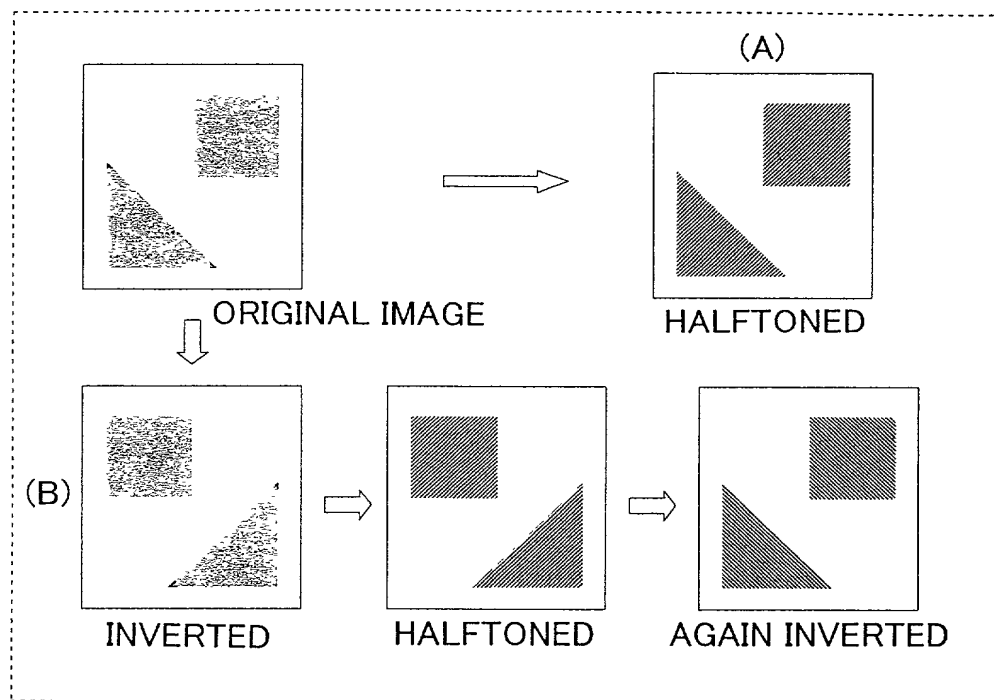


FIG.25

					X	4	3	2	1		
		1	2	3	4	3	2	1			
			1	2	3	2	1				
				1	2	1					
					1						

FIG.26

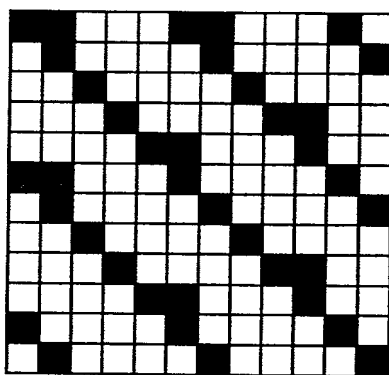
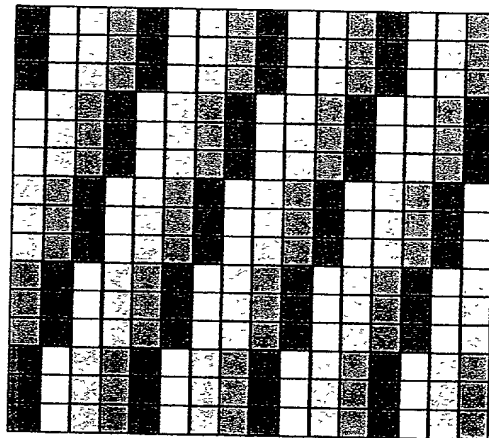


FIG. 27



LINE PATTERN SIGNAL APPLIED TO THRESHOLD VALUE
 $= P \times ((i - j / 3) \% 4 - 1.5) / 3$
 i, j: PIXEL OF ITH ROW AND JTH COLUMN
 P: MAGNITUDE (OF 0.15 HEREIN)
 %4: REMAINDER OF DIVISION BY 4

FIG.28

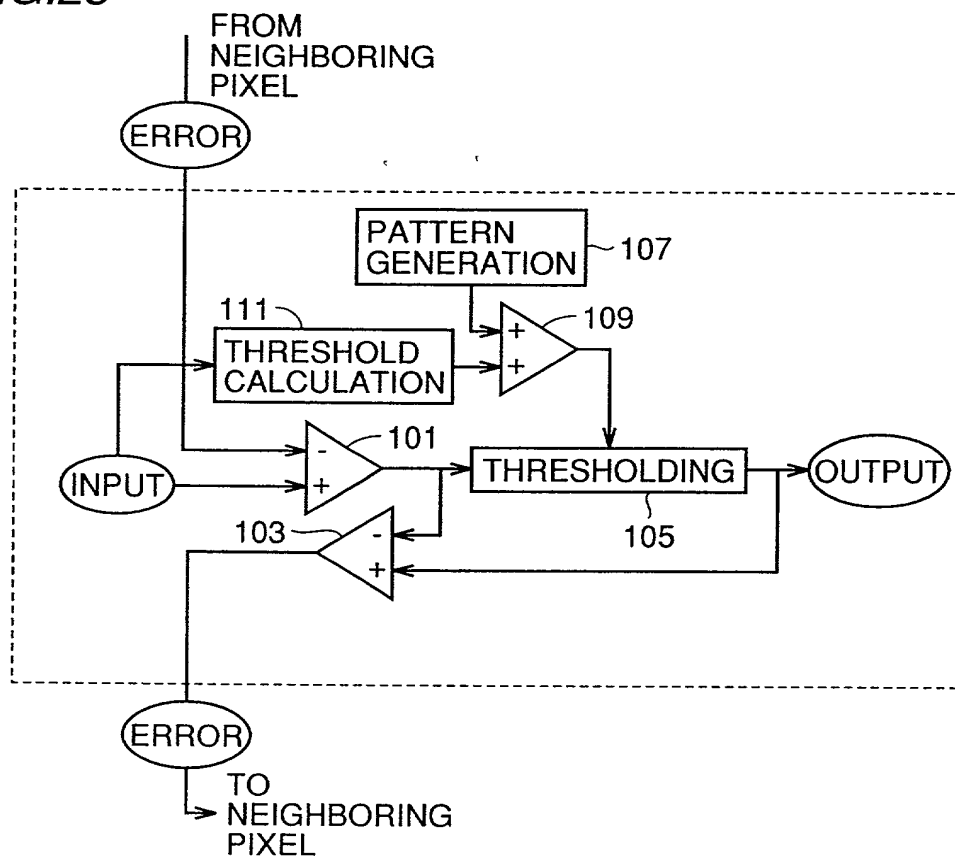


FIG.29

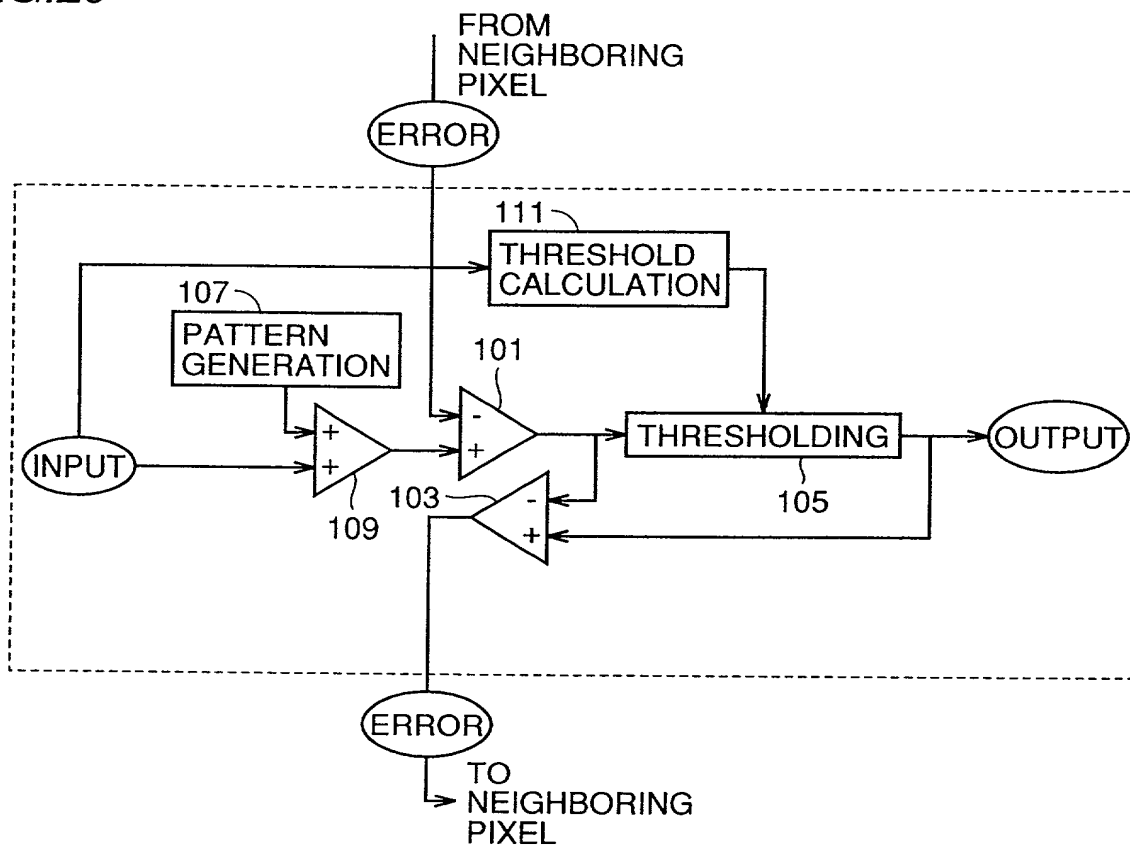


FIG.30

